

AMET VIKRAM

email: amet97vikram@gmail.com
phone: +91 8368506835

linkedin: in/amet-vikram13
github: amet-vikram13

WORK EXPERIENCE

Deutsche Bank SDE

(August 2020 - Present)

- **Currently** working on a data analysis pipeline application which fetches and processes data from the source using Apache Spark
- **Implemented** analysis of data using MLlib
- **Interfaced** few api of application using Apache Beam
- **Technology Used:** Python, Java, Apache Spark, MLlib

IBM

SDE Internship

(Jul, 2019 – Dec, 2019)

- **Integrated** Apple's social login identity in IBM Cloud Identity Connect software.
- **Wrote** unit tests and generated code coverage reports for Health Check API for different microservices in IBM Cloud Identity Connect software.
- **Implemented** and studied about different authentication protocols – OAuth 2.0, OpenID and SAML and "Sign in with Apple REST API 1.0" framework.
- **Technology Used:** Java, Gradle, Docker, Git, NodeJs, JUnit, JaCoCo, Redis, REST Architecture, Back End Web Development, Authentication Services, Microservices

Webel Technologies

SDE Internship

(May, 2018 – Jul, 2018)

- **Implemented** browser automation using Selenium web driver and database automation using mysql driver in python3.
- **Wrote** a Python script to scrape etaal.gov.in website and fetch data.
- **Analyzed** and Implemented forecasting and time series methods over e-transaction data in india using IBM SPSS tool.
- **Technology Used:** Python, Git, MySQL, IBM SPSS

ACHIEVEMENTS

- **Rank** 58 in level 3 among 6000 teams in Flipkart GRiD – Te[a]ch The Machines | 2019
- **Scored** 370/450 in BITSAT (Top 20%)

SKILLS

Language: Python, C/C++, Java, C#, Javascript

Tools: Tensorflow, Keras, MLlib, Numpy, Pandas, Matplotlib, Scikit-learn, Apache Spark, Docker, git, Neovim

PROJECTS

Object Localization using CNN

Built a deep CNN for object detection in the image and then output the bounding box coordinates for the object in the image. CNN was trained on over 14000 image datasets.

(see project at github)

Technology Used: Python, Git, Keras

Creating a Linked-Data enabled smart client

Designed and implemented a linked-data enabled smart client for spotify's api as a proof of concept for linked-data and semantic web.

(see project at github)

Technology Used: Python, Docker, Git, Redis

RL Model for solving CartPole-v1 problem

Built a reinforcement learning model that balances a pole on a cart which is running on flat terrain with a noisy set of parameters like action and sensors. I was required to solve 3 subtasks in this problem. (see project at github)

Technology Used: Python, Git, Keras

RELEVANT COURSEWORK

Machine Learning, Data Mining, Neural Networks and Fuzzy Logic, Data Structures and Algorithms, Number Theory, Design and Analysis of Algorithms, Cryptography Object Oriented Programming, Operating Systems, Software Engineering, Database Management Systems, Computer Networks

EDUCATION

B.E. (Hons.)
Computer Science, 2020

B.I.T.S Pilani
University, Goa
Campus

Senior Secondary
C.B.S.E , 2015

B.G.S International
Public School

Secondary
C.B.S.E , 2013

B.G.S International
Public School